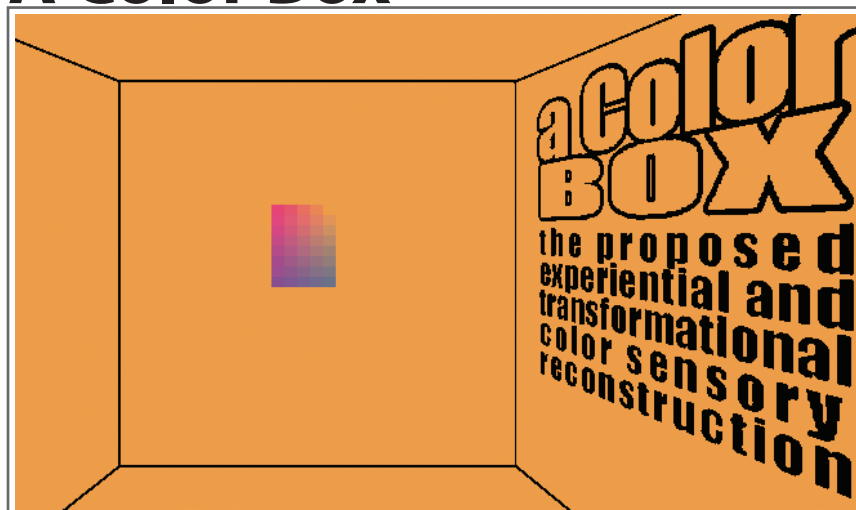


A Color Box

Proposal by Gabriel Mott
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Please visit AColorBox.com now to contribute



SCREENSHOT FROM ACOLORBOX.COM

Description:

A Color Box is a portable room about 8 feet cubed with projection screens on all walls. The front wall shows a color matrix approximately 2 feet high. Surrounding the color matrix, the entire background is a single color. The intensity of the projection fills the side walls and ceiling with the single background color. Everything inside is illuminated. The front screen is filled with the background color, coloring all the walls. From the outside, the box will light up as a color box beckoning onlookers to come inside.

A person walking into the room will be able to interact with a color grid projected on the screen. By touching a color swatch, the entire room will change to that color. Using a computer and reverse engineered Wii game system, the front screen is an interactive touch-screen.

The matrix of color projected on the front screen is from a series of work by Gabriel Mott based upon color theories advanced by Josef Albers and furthered by Dick Nelson. An online demonstration is available at colorisrelative.com.

Installation:

SOURCE Interactive Arts Festival Maui Hawaii February 2009. Approximately 500 people will attend. Following the festival, A Color Box will be taken to other festivals and schools.

Inspiration:

Two years ago I took a color class with Dick Nelson that completely changed my sense of color. Dick Nelson studied with Josef Albers, one of the leading colorists of our time. He is known for his work Homage to a Square, has his work in almost every major museum worldwide and was made into a US postage stamp. From Mr. Nelson's class, as I made discoveries about how and why certain combinations of colors created brilliant luminosity, I was astounded and wanted to share this experience with everybody.

Budget/Materials: \$3000 * All materials will be purchased used or at reduced cost where possible * Wii gaming System: \$300 * 4000 lumen Projector: \$1400 (used) * 8' x 24' screen: \$200 * Laptop computer: \$400 * Frosted Plexiglas: \$400 * Construction materials (hinges, locks, screws, paint): \$300 ****Construction:** 8' x 8' x 8' cube * Frame made from PVC * Side Walls and front screen made from wrapped 24' x 8' double side projection screen or plexiglass * projector is placed outside and behind the front screen (rear projection) powers * housing for projector in case of rain and lock down for theft protection * The touch screen made possible by reverse engineering a Wii gaming system. Johnny Wu at the Ted Conference explains how to do this.

Future:

A Color Box will be reusable and mobile. At SOURCE, A Color Box will be available for other multi-media artists to exhibit their art. Following SOURCE, A Color Box will be available to show at more festivals and schools.

Intention:

Inspire and educate people about color through scale and interactivity.

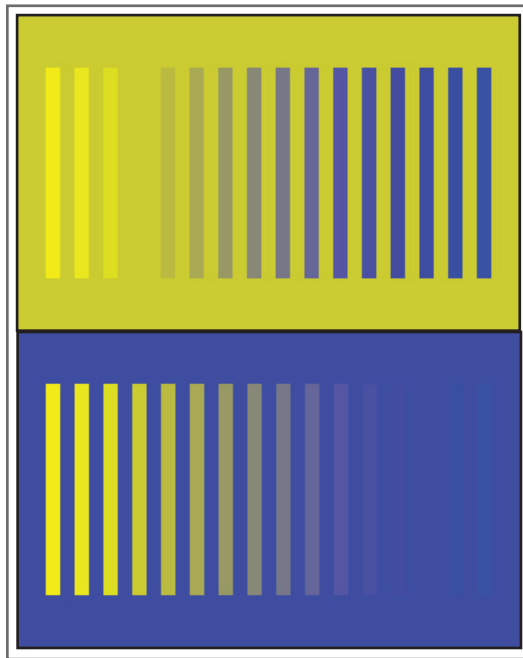
Experience:

You walk into a room and all you see is a matrix of color on the wall. When you move your hands over the grid, the room changes color to match the color you touched.

Surrounded by color in a room that instantly changes based on your behavior is startling. When you are faced with how your perception of color changes based on your surroundings, your mind opens.

Concept:

The swatches of color projected on the wall do not change color, only the background changes color. However, the individual swatches will seem to change color. This is an effect of our eyes called simultaneous contrast. Additional effects that will enlighten the user are halation (the brilliance and luminosity achieved with specific combinations and steps of mixed color).



SCREENSHOTS FROM COLORISRELATIVE.COM

Mahalo,
Gabriel Mott

You contribution of any amount at AColorBox.com helps support the creation of A Color Box